



Independent Statistics & Analysis
U.S. Energy Information
Administration

EIA-914 Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report Revision Policy

December 2015



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Executive summary

The U.S. Energy Information Administration (EIA) currently collects survey data directly from crude oil and natural gas producers in 15 states,¹ the Federal Offshore Gulf of Mexico (GOM), and other states,² and uses the survey data to estimate total production for the 15 states, the GOM, other states, and the United States. This revision policy applies to estimates for oil and natural gas production beginning with January 2015.

All published estimates for the two previous months will be revised when the current month estimates are released. For example, when November 2015 estimates are released, any of the estimates for September and October 2015 may be revised. Further, published estimates for earlier months may be revised, depending on the significance of the change in the underlying survey data.

Monthly Revisions

Crude oil and natural gas production estimates

The prior two months' production estimates will be re-estimated each month for both oil and gas production, when the production estimate for the latest data month is released. For example, both May and June estimates would be revised when a July estimate is released.

Published estimates for both oil and gas production for earlier months also may be revised, depending on the significance of reported changes or revisions in the underlying data. Table 1 shows the thresholds for revisions in the published estimates. If a revision threshold is exceeded, for any month after the last annual update (described below) but earlier than the two previous months, the published estimate will be revised. All revisions will be published in the [Petroleum Supply Monthly](#) and the [Natural Gas Monthly](#), as well as the [Monthly Crude Oil and Natural Gas Production](#) webpage. For example, when November 2015 estimates are being released, if it is determined that a new January 2015 estimate for Texas is more than 1 percent greater than the current published January 2015 estimate for Texas, then the published January 2015 estimate would be revised.

Estimates for each remaining state and the other states group will be revised if the new estimate based on current data differs by the percentage shown in Table 1 or more from the previously published value.

Estimates for the national total are the sum of the individual state estimates and will be revised when the component values are revised.

¹ The states individually reported on Form EIA-914 are Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, and Wyoming, and the Federal Offshore Gulf of Mexico.

² The states not individually sampled and included in Other States are Alabama, Arizona, Florida, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia, and the Federal Offshore Pacific.

Table 1. Thresholds for revisions of earlier month estimates

| State | Change in natural gas production estimate | Change in oil or total API gravity estimate |
|---------------------------------|--|---|
| | Percent (+/-) | Percent (+/-) |
| Arkansas | 5 | 5 |
| California | 5 | 2 |
| Colorado | 2 | 5 |
| Federal Offshore Gulf of Mexico | 2 | 1 |
| Kansas | 5 | 5 |
| Louisiana | 2 | 5 |
| Montana | 5 | 5 |
| North Dakota | 5 | 1 |
| New Mexico | 5 | 2 |
| Ohio | 5 | 5 |
| Oklahoma | 2 | 2 |
| Other States* | 5 | 5 |
| Pennsylvania | 2 | 5 |
| Texas | 1 | 1 |
| Utah | 5 | 5 |
| West Virginia | 2 | 5 |
| Wyoming | 2 | 5 |

*Note: For Other States, the threshold is applied to the entire group of states for natural gas production and each individual state within the group for oil production.

In unusual circumstances, revisions that do not meet the absolute monthly thresholds shown in Table 1 may also occur if EIA's working group of subject matter experts and survey methodologists determines that the changes will enhance understanding of oil and gas production. A possible example would be that the unrevised data showed a declining production trend and the revised data showed an increasing production trend.

Table 1 was constructed using the following logic. For natural gas production, any state or area with 25 percent or more of the lower 48 total production will have a 1 percent revision threshold, any state with less than 25 percent and greater than or equal to 5 percent of lower 48 production will have a 2 percent threshold, and any state with less than 5 percent of the lower 48 production will have a 5 percent revision threshold. For oil production, any state or area with 10 percent or more of the lower 48 production will have a 1 percent revision threshold, any state with less than 10 percent and greater than or equal to 5 percent will have a 2 percent threshold, and any state with less than 5 percent of the lower 48 production will have a revision threshold of 5 percent.

API gravity estimates

The revision thresholds in the table are routinely applied only to the total of all API gravity categories. Submitted revisions that apply only to individual API categories will be reviewed by EIA's subject matter experts. Revisions of estimated crude oil sales volumes by API gravity category are reported only on the [Monthly Crude Oil and Lease Condensate, and Natural Gas Production](#) webpage at this time.

Annual Revisions

Monthly estimates will be revised when final oil and natural gas production values for the year are released in the [Petroleum Supply Annual](#) (around August) and the [Natural Gas Annual](#) (around October). When the Petroleum Supply Annual or the Natural Gas Annual is published, the two prior calendar years for natural gas production will be revised, and up to 10 prior years for oil production. The most recent calendar year values are replaced with state-reported data where the state-reported data are considered final. The earlier calendar year values are updated with the latest state-reported data. Most states will have final data prior to two calendar years back.